RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10 802,055
Source: TWO
Date Processed by STIC: 8/18/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER VERSION 4.2 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: 10/802,055

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1_____Wrapped Nucleics Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2_____Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.

3_____Misaligned Amino Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

4_____Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

5_____Variable Length Sequence(s)_____contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

6_____PatentIn 2.0 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.

7_____Skipped Sequences (OLD RULES) Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES " response to include the skipped sequences

8_____Skipped Sequences (NEW RULES) Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence
<210> sequence id number
<400> sequence id number
000

9_____Use of n's or Xaa's (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents

10_____Invalid <213> Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species) <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence

11_____Use of <220> Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)

12_____PatentIn 2.0 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13_____Misuse of n/Xaa "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid

AMC – Biotechnology Systems Branch – 09/09/2003

IFWO

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           RAW SEQUENCE LISTING              DATE: 08/18/2004
           PATENT APPLICATION:  US/10/802,055    TIME: 13:22:09

           Input Set : A:\539726 Sequence Listing.txt
           Output Set: N:\CRF4\08182004\J802055.raw

      3 <110> APPLICANT: Japan Software Manegement Co., Ltd.
      5 <120> TITLE OF INVENTION: METHOD FOR DETECTION OF BASE SEQUENCE OF INTEREST
      7 <130> FILE REFERENCE: 539726
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/802,055
C--> 9 <141> CURRENT FILING DATE: 2004-03-17
      9 <160> NUMBER OF SEQ ID NOS: 6
     11 <170> SOFTWARE: PatentIn Ver. 2.1
     13 <210> SEQ ID NO: 1
     14 <211> LENGTH: 63
     15 <212> TYPE: DNA
     16 <213> ORGANISM: Unknown Organism
     18 <220> FEATURE:
     19 <223> OTHER INFORMATION: Description of Unknown Organism: Artificial
     20       Sequence
     22 <400> SEQUENCE: 1
     23 accagaaaaa atttattttt tctggtgttt gccgcccggc tccagtggaa atgaaactct 60
     24 ggg
     27 <210> SEQ ID NO: 2
     28 <211> LENGTH: 16
     29 <212> TYPE: DNA
     30 <213> ORGANISM: Unknown Organism
     32 <220> FEATURE:
     33 <223> OTHER INFORMATION: Description of Unknown Organism: Artificial
     34       Sequence
     36 <400> SEQUENCE: 2
     37 gcggcaaaca ccagaa
     40 <210> SEQ ID NO: 3
     41 <211> LENGTH: 15
     42 <212> TYPE: DNA
     43 <213> ORGANISM: Unknown Organism
     45 <220> FEATURE:
     46 <223> OTHER INFORMATION: Description of Unknown Organism: Artificial
     47       Sequence
     49 <400> SEQUENCE: 3
     50 ttcatttcca ctgga
     53 <210> SEQ ID NO: 4
     54 <211> LENGTH: 22
     55 <212> TYPE: DNA
     56 <213> ORGANISM: Unknown Organism
     58 <220> FEATURE:
     59 <223> OTHER INFORMATION: Description of Unknown Organism: Artificial
     60       Sequence
     62 <400> SEQUENCE: 4
```

Please explain source of genetic material.

Does Not Comply
Corrected Diskette Needed
(Pj. 1-2)

Please — delete

Invalid Response

Please explain source of genetic material. 63

Please — delete

Invalid Response →

Please explain source of genetic material. 16

Please — delete

Invalid Response →

Please explain source of genetic material. 15

Please — delete

Invalid Response →

Please explain source of genetic material.

Invalid Response →

↑ *Please see item #11 on error summary sheet.*

RAW SEQUENCE LISTING   DATE: 08/18/2004
PATENT APPLICATION: US/10/802,055   TIME: 13:22:09

Input Set : A:\539726 Sequence Listing.txt
Output Set: N:\CRF4\08182004\J802055.raw

63 gccaacatat gtcctctgac gc   22
66 <210> SEQ ID NO: 5
67 <211> LENGTH: 26
68 <212> TYPE: DNA
69 <213> ORGANISM: Unknown Organism *delete*
71 <220> FEATURE:
72 <223> OTHER INFORMATION: Description of Unknown Organism: Artificial
73   Sequence   *same error*
75 <400> SEQUENCE: 5
76 cgcttaaggt tactaacctg tcgagg   26
79 <210> SEQ ID NO: 6
80 <211> LENGTH: 25
81 <212> TYPE: DNA
82 <213> ORGANISM: Unknown Organism *delete*
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Description of Unknown Organism: Artificial
86   Sequence   *same error*
88 <400> SEQUENCE: 6
89 gcgaacatat ggtcgcctct atcga   25

VERIFICATION SUMMARY   DATE: 08/18/2004
PATENT APPLICATION: US/10/802,055   TIME: 13:22:10

Input Set : **A:\539726 Sequence Listing.txt**
Output Set: **N:\CRF4\08182004\J802055.raw**

L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date